

● PRINTER RUSH ●

(PTO ASSISTANCE)

MAY 26 2005

Application :	<u>09/619032</u>	Examiner :	<u>Ramirez</u>	GAU :	<u>1652</u>
From:	<u>CA</u>	Location:	<u>IDC</u> <u>FMF</u> <u>FDC</u>	Date:	<u>5/18/05</u>
		Tracking #:	<u>36089377</u>	Week Date:	<u>3/21/05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>9/25/05</u>	
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

Attn: Chief Draftsperson:

[RUSH] MESSAGE: A corrected Fig 5 was submitted, however,
 no original Fig 5A (or any other Figs 2-4)
 were originally submitted.
 Please advise.

Thank You
 CB

[XRUSH] RESPONSE:

corrected

INITIALS: CB

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
 REV 10/04

TTG	AGA	GCG	CTC	GTC	TTT	CAC	GGC	AAC	CTC	CAG	TAT	GCC	GAA	ATC	CCA	48
Leu	Arg	Ala	Leu	Val	Phe	His	Gly	Asn	Leu	Gln	Tyr	Ala	Glu	Ile	Pro	
1																
	5															15
AAG	AGC	GAA	ATC	CCA	AAG	GTC	ATA	GAG	AAG	GCA	TAC	ATC	CCA	GTC	ATC	96
Lys	Ser	Glu	Ile	Pro	Lys	Val	Ile	Glu	Lys	Ala	Tyr	Ile	Pro	Val	Ile	
	20															30
GAG	ACA	CTG	ATT	AAA	GAA	GAA	ATT	CCT	TTT	GGG	CTC	AAC	ATA	ACG	GGC	144
Glu	Thr	Leu	Ile	Lys	Glu	Glu	Ile	Pro	Phe	Gly	Leu	Asn	Ile	Thr	Gly	
	35															40
TAT	ACC	TTA	AAG	TTC	CTC	CCG	AAG	GAT	ATT	ATA	GAC	CTC	GTT	AAA	GGG	192
Tyr	Thr	Leu	Lys	Phe	Leu	Pro	Lys	Asp	Ile	Ile	Asp	Leu	Val	Lys	Gly	
	50															55
GGC	ATC	GCG	AGT	GAC	CTG	ATA	GAG	ATA	ATC	GGA	ACG	TAC	ACG	CAC	240	
Gly	Ile	Ala	Ser	Asp	Leu	Ile	Glu	Ile	Ile	Gly	Thr	Ser	Tyr	Thr	His	
	65															70
GCA	ATA	CTC	CCC	CTC	CTG	CCG	CTT	AGC	AGA	GTA	GAA	GCA	CAA	GTT	CAG	288
Ala	Ile	Leu	Pro	Leu	Leu	Ser	Arg	Val	Glu	Ala	Gln	Val	Gln			
	85															85
AGA	GAT	AGG	GAA	GTT	AAG	GAA	GAG	CTC	TTC	GAG	GTT	TCT	CCA	AAG	GGA	336
Arg	Asp	Arg	Glu	Val	Lys	Glu	Glu	Leu	Phe	Glu	Val	Ser	Pro	Lys	Gly	
	100															105
TTC	TGG	CTG	CCA	GAG	CTC	GCC	TAT	GAC	CCG	ATA	ATC	CCT	GCC	ATA	CTG	384
Phe	Trp	Leu	Pro	Glu	Leu	Ala	Tyr	Asp	Pro	Ile	Ile	Pro	Ala	Ile	Leu	
	115															120
																125

FIG. 1A

FIG. 1B

AAG	GAC	AAC	GGT	TAT	GAG	TAT	CTA	TTC	GCC	GAC	GGG	GAG	GCG	ATG	CTT	432
Lys	Asp	Asn	Gly	Tyr	135	Gl	Tyr	Leu	Phe	Ala	Asp	Gly	Gl	Ala	Met	Leu
130																
TTC	TCA	GCT	CAT	CTC	AAC	TCG	GCG	ATA	AAG	CCA	ATT	AAA	CCG	CTC	TAT	480
Phe	Ser	Ala	His	Leu	Asn	Ser	Ala	Ile	Lys	Pro	Ile	Lys	Pro	Leu	Tyr	
145					150					155						
CCA	CAC	CCT	ATA	AAG	GCC	CAA	AGG	GAA	AAG	CGC	TTT	AGG	TAC	ATC	AGC	528
Pro	His	3Leu	Ile	Lys	Ala	Gin	Arg	Gl	Lys	Arg	Phe	Arg	Tyr	Tyr	Ser	
										170						
TAT	CTC	CCT	GGT	CTC	AGG	GAG	CTT	AGG	AAG	GCG	ATA	AAG	CTC	GTT	TTT	576
Tyr	Leu	Leu	Gly	Leu	Arg	Glu	Leu	Arg	Lys	Ala	Ile	Lys	Leu	Val	Phe	
										185						
GAA	GGT	AAG	GTA	ACG	CTA	AAG	GCA	GTC	AAA	GAC	ATC	GAA	GCC	GTA	CCC	624
Gl	Gl	Lys	Val	Thr	Leu	Lys	Ala	Val	Lys	Asp	Ile	Glu	Ala	Val	Pro	
										200			205			
GTT	TGG	GCC	GTG	AAC	ACG	GCT	GTA	ATG	CTC	GGC	ATC	GGA	AGG	CTT	672	
Val	Trp	Val	Ala	Val	Asn	Thr	Ala	Val	Met	Leu	Gly	Arg	Leu			
	210									215						
CCT	CCT	ATG	AAT	CCT	AAG	AAA	GTG	GCG	AGC	TGG	ATA	GAG	GAC	AAG	GAC	720
Pro	Leu	Met	Asn	Pro	Lys	Lys	Val	Ala	Ser	Trp	Ile	Glu	Asp	Lys	Asp	
225										235						
AAC	ATT	CTT	CTA	TAC	GGC	ACC	GAT	ATA	GAG	TTC	ATT	GGC	TAT	AGG	GAC	768
Asn	Ile	Leu	Leu	Tyr	Gly	Thr	Asp	Ile	Glu	Phe	Ile	Gly	Tyr	Arg	Asp	
										245			250			

ATT	GCA	GGC	TAC	AGA	ATG	AGT	GTT	GAG	GGG	TTA	TTA	GAG	GTT	ATA	GAC	816
Ile	Ala	Gly	Tyr	Arg	Met	Ser	Val	Glu	Gly	Leu	Leu	Glu	Val	Ile	Asp	
260																270
GAG	CTC	AAC	TCG	GAA	CTG	TGC	CTT	TCA	GAG	CTG	AAG	CAC	AGT	GGA	864	
Gl	Leu	Asn	Ser	Gl	Leu	Cys	Leu	Pro	Ser	Gl	Leu	Lys	His	Ser	Gly	
275																285
AGG	GAG	CTG	TAC	TTA	CGG	ACT	TCG	AGT	TGG	GCA	CCA	GAT	AAG	AGC	TTG	912
Arg	Glu	Leu	Leu	Tyr	Leu	Arg	Thr	Ser	Ser	Trp	Ala	Pro	Asp	Lys	Ser	Leu
290																300
AGG	ATA	TGG	AGA	GAG	GAC	GAA	GGG	AAC	GCA	AGA	CTT	AAT	ATG	CTG	TCC	960
Arg	Ile	Trp	Arg	Gl	Asp	Gl	Gly	Asn	Ala	Arg	Leu	Asn	Met	Leu	Ser	
305																315
TAC	AAT	ATG	AGG	GGC	GAA	CTC	GCC	TTT	TTA	GCC	GAG	AAC	AGC	GAT	GCA	1008
Tyr	Asn	Met	Arg	Gly	Glu	Leu	Ala	Phe	Leu	Ala	Glu	Asn	Ser	Asp	Ala	
325																335
AGG	GGA	TGG	GAG	CCC	CTC	CCT	GAG	AGG	CTG	GAT	GCC	TTC	CGG	CGG	1047	
Arg	Gly	Trp	Pro	Leu	Pro	Leu	Pro	Leu	Arg	Arg	Leu	Asp	Ala	Phe	Arg	Ala
340																350
ATA	TAT	AAC	GAT	TGG	AGG	GGT	GAA	AAT	GGG	GAA	CCT	TAG				
Ile	Tyr	Asn	Asp	Trp	Arg	Gly	Gl	Asn	Gl	Asn	Gly	Gl	Pro	END		
355																365

FIG. 1C